



US008156468C1

(12) **EX PARTE REEXAMINATION CERTIFICATE** (11392nd)
United States Patent
Pegden

(10) **Number:** **US 8,156,468 C1**(45) **Certificate Issued:** **Oct. 5, 2018**

(54) **SYSTEM AND METHOD FOR CREATING INTELLIGENT SIMULATION OBJECTS USING GRAPHICAL PROCESS DESCRIPTIONS**

(75) Inventor: **Claude Dennis Pegden**, Sewickley, PA (US)

(73) Assignee: **SIMIO LLC**, Sewickley, PA (US)

Reexamination Request:

No. 90/020,122, Jan. 3, 2018

Reexamination Certificate for:

Patent No.: **8,156,468**

Issued: **Apr. 10, 2012**

Appl. No.: **12/470,812**

Filed: **May 22, 2009**

Related U.S. Application Data

(63) Continuation-in-part of application No. 12/284,662, filed on Sep. 24, 2008, now abandoned.

(51) **Int. Cl.**
G06F 9/44 (2018.01)
G06F 8/34 (2018.01)

(52) **U.S. Cl.**

CPC **G06F 8/34** (2013.01)

(58) **Field of Classification Search**

None

See application file for complete search history.

(56) **References Cited**

To view the complete listing of prior art documents cited during the proceeding for Reexamination Control Number 90/020,122, please refer to the USPTO's public Patent Application Information Retrieval (PAIR) system under the Display References tab.

Primary Examiner — Eric B Kiss

(57) **ABSTRACT**

An object-oriented, computer-based system for developing simulation models is provided. The system comprises one or more base objects and one or more graphical processes, wherein new objects are created from base objects by a user by assigning one or more graphical processes to the base object(s). New objects are created without the need for methods or computer programming. A model is built by creating objects that represent the physical components of the system being modeled into the model, and then running the model.

